

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Patrick MOUROT, et al.

Attorney Docket Q68674

Appln. No.: Not Assigned

Confirmation No.: Not Assigned

Group Art Unit: Not Assigned

Filed: March 04, 2002

Examiner: Not Assigned

For: A DEVICE HAVING A VOICE COMMUNICATION SERVER STRUCTURE AND  
COMPRISING A DIGITAL SIGNAL PROCESSOR

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as follows:

**IN THE CLAIMS:**

**Please enter the following amended claims:**

3. (Amended)Device in accordance with claim 1 whereby said inter-DSP communication means comprise an information coding resource included in said master DSP and/or in said second DSP and coding said information to be exchanged, said coded information being a frame containing control information, data and checksum.

5. (Amended)Device in accordance with claim 3 whereby said second DSP runs on a second board distinct from said master board and in that said inter-DSP communication means

comprise a link allowing full duplex information exchanges and connecting said master board and said second board together.

8. (Amended) Device in accordance with claim 6 whereby said master DSP and said second DSP comprise communication management means respectively having access to memories of said master board and of said applicative board.

- a link allowing full duplex information exchanges and connecting said expansion board and said expansion applicative board together.

13. (Amended) Device in accordance with claim 11 whereby said applicative slave DSP and said slave DSP comprise :

- several resources chosen among one or more of the following : ASL resources, HDLC resources and OBC resources,
- an operating system including :
  - internal memories mastered by memory management means,
  - means managing said access to a switching unit,
- resource management means arranged to select one of said resources,
- a scheduler included in said operating system and arranged to execute said selected resource.

14. (Amended) Device in accordance with claim 11 whereby said inter-DSP communication means comprise :

- an information coding resource included in said slave DSP and/or said applicative slave DSP and coding said information to be exchanged, said coded information being a frame containing control information, data and checksum,
- an inter-DSP resource included in said applicative slave DSP and/or said slave DSP and arranged to receive said coded information.


15. (Amended) Device in accordance with claim 11 whereby said telecommunication application is an Internet Protocol (IP) application preferably chosen among Internet Access and Voice over IP.

Preliminary Amendment  
Attorney Docket Q68674

**REMARKS**

Entry and consideration of this Amendment is respectfully requested.

Respectfully submitted,

  
David J. Cushing  
Registration No. 28,703

SUGHRUE MION, PLLC  
2100 Pennsylvania Avenue, N.W.  
Washington, D.C. 20037-3213  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

Date: March 4, 2002

**APPENDIX**

**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**IN THE CLAIMS:**

**The claims are amended as follows:**

3.     ~~(Amended)~~Device in accordance with ~~any of claims 1 or 2~~claim 1 whereby said inter-DSP communication means comprise an information coding resource included in said master DSP and/or in said second DSP and coding said information to be exchanged, said coded information being a frame containing control information, data and checksum.

5.     ~~(Amended)~~Device in accordance with ~~any of claims 3 or 4~~claim 3 whereby said second DSP runs on a second board distinct from said master board and in that said inter-DSP communication means comprise a link allowing full duplex information exchanges and connecting said master board and said second board together.

8.     ~~(Amended)~~Device in accordance with ~~any of claims 6 or 7~~claim 6 whereby said master DSP and said second DSP comprise communication management means respectively having access to memories of said master board and of said applicative board.  
- a link allowing full duplex information exchanges and connecting said expansion board and said expansion applicative board together.

13. (Amended) Device in accordance with ~~any of claims 11 or 12~~ claim 11 whereby said applicative slave DSP and said slave DSP comprise :

- several resources chosen among one or more of the following : ASL resources, HDLC resources and OBC resources,
- an operating system including :
  - internal memories mastered by memory management means,
  - means managing said access to a switching unit,
- resource management means arranged to select one of said resources,
- a scheduler included in said operating system and arranged to execute said selected resource.

14. (Amended) Device in accordance with ~~any of claims 11 to 13~~ claim 11 whereby said inter-DSP communication means comprise :

- an information coding resource included in said slave DSP and/or said applicative slave DSP and coding said information to be exchanged, said coded information being a frame containing control information, data and checksum,
- an inter-DSP resource included in said applicative slave DSP and/or said slave DSP and arranged to receive said coded information.

Preliminary Amendment  
Attorney Docket Q68674

15. (Amended) Device in accordance with ~~any of claims 11 to 14~~claim 11 whereby  
said telecommunication application is an Internet Protocol (IP) application preferably chosen  
among Internet Access and Voice over IP.